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December 13, 2004

To: Patent and Trademark Office
Attn: Examiner Ramesh Krishnamurthy
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Fax No.: (703) 872-9306**From:** Kristin C. Hiibner, Ph.D.
Our Ref.: 14017-1
Phone: (626) 796-4000 X 328**No. of Pages (including cover letter):** 20

If you do NOT receive all of the pages, please telephone 626/796-4000, or facsimile 626/795-6321.

Applicant: Paul, Phillip H. et al.**Group Art Unit:** 3753**Serial No.:** 09/942,884**Examiner:** Ramesh Krishnamurthy**Filed:** August 29, 2001**Title:** Electroosmotic Flow Controller**Document(s):** Response and Attachments (Utility Patent App.
Transmittal, Declaration and Power of Attorney; Notice of
Recordation of Assignment**Attorney Docket No.:** 14017-1**Comments:**

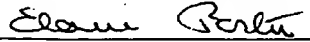
The Examiner is authorized to charge any fees believed due to Deposit Account 19-2090. The attached is an Official Document. Please place the attached Response in the Examiner's File.

Date: December 13, 2004

By: 

Kristin C. Hiibner, Ph.D.

Reg. No. 50,139

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09/942,884

Attorney Docket No. 14017-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Paul, Phillip H. et al. Serial No.: 09/942,884 Filing Date: August 29, 2001 For: ELECTROSMOTIC FLOW CONTROLLER	Examiner: Krishnamurthy, Ramesh Art Unit Group: 3753 Pasadena, California
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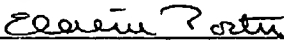
RESPONSE

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

This communication is filed in response to the Office Action mailed August 12, 2004.
Applicants request a 1-month extension to December 13, 2004 for filing this Response
(December 12, 2004 falling on a Sunday).

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12-108714707.120002
Approved for use through 12/31/2002. CHS 001-0002
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(a))

Attorney Docket No. SD-8399
First Inventor or Application Identifier CROCKER
Title VARIABLE FLOW CONTROL APPARATUS
Express Mail Label No. EL177891967US

APPLICATION ELEMENTS
See MPEP chapter 800 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and duplicate for fee processing)

2. ☒ Specification [Total Pages 13]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if any)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) (as U.S.G. 112) [Total Sheets 2]
4. ☐ Oath or Declaration [Total Pages 1]
a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(Per continuation/divisional with this 18 completed)
c. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.53(b)

ADDRESS TO: Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Copy
b. ☐ Paper Copy (identical to computer copy)
c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (power sheet & document(s))
8. ☐ 37 C.F.R. § 3.75(b) Statement
(when there is an assignee)
9. ☐ English Translation Document (if applicable) ☐ Power of Attorney
10. ☐ Information Disclosure Statement (IDS) (PTO/STO-144)
11. ☐ Preliminary Amendment ☒ Copies of IDS Citations
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically denoted)
13. ☐ Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired (PTO/SB/2572)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____
Prior application information: Examiner _____ Group/Art Unit _____
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under 37 C.F.R. 1.63, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when the subject matter is derived from the submitted application parts.

17. CI
☒ Customer Number or Bar Code Label [Please Cut] **021498** or ☐ Correspondence address below

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Name (print) Timothy P. Evans Registration No. (Attorney/Agent) _____ Date 12/9/02
Signature [Signature] (11/13)

Before Your Signature: This form is accepted to take 3.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the status of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FILES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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